



BEST AVAILABLE COPY

SEQUENCE LISTING

<110> STAVRIANPOULOS, JANNIS G.
RABIANI, ELAZAR

<120> LABELING REAGENTS AND LABELED TARGETS, TARGET LABELING
PROCESSES AND OTHER PROCESSES FOR USING SAME IN NUCLEIC
ACID DETERMINATIONS AND ANALYSES

<130> ENZ-61

<140> 10/096,075
<141> 2002-01-12

<160> 12

<170> PatentIn Ver. 2.1

<210> 1
<211> 20
<212> DNA
<213> Artificial Sequence

<220>
<221> Description of Artificial Sequence: Primer

<220>
<221> Description of Combined DNA/RNA Molecule: Primer

<220>
<221> modified_base
<222> (1)
<223> Uridine moiety modified with a non-flourescent
1-amino xanthene

<220>
<221> modified_base
<222> (12)
<223> Uridine moiety modified with a non-flourescent
1-amino xanthene

<400> 1
caugaccgg augggaggcg

<210> 2
<211> 18
<212> DNA
<213> Artificial Sequence

<220>
<221> Description of Artificial Sequence: Primer

<220>
<221> Description of Combined DNA/RNA Molecule: Probe

<220>
<221> modified_base

BEST AVAILABLE COPY

2

<222> (6)
<221> Uridine moiety modified with a non-flourescent
1-amino xanthene

<220>
<221> modified_base
<222> (12)
<221> Uridine moiety modified with a non-flourescent
1-amino xanthene

<220>
<221> modified_base
<222> (15)
<221> Uridine moiety modified with a non-flourescent
1-amino xanthene

<400> 2
gcacauccgg auaguaga

18

<210> 1
<211> 27
<212> DNA
<211> Artificial Sequence

<220>
<221> Description of Artificial Sequence: Synthetic
probe sequence

<220>
<221> Description of Combined DNA/RNA Molecule: Synthetic
probe sequence

<220>
<221> modified_base
<222> (1)
<221> Uridine Labeled with Texas Red

<220>
<221> modified_base
<222> (7)
<221> Uridine Labeled with Texas Red

<220>
<221> modified_base
<222> (17)
<221> Uridine Labeled with Texas Red

<220>
<221> modified_base
<222> (27)
<221> Uridine Labeled with Texas Red

<400> 1
uaatggugag tatccucgcc taactcu

27

BEST AVAILABLE COPY

```

<210> 4
<211> 22
<212> DNA
<213> Artificial Sequence

```

<221> Description of Artificial Sequence: Synthetic chimeric nucleic acid construct sequence

<221> Description of Combined DNA/RNA Molecule: Synthetic
chimeric nucleic acid construct sequence

```

<220>
<221> modified_base
<222> (15)..(22)
<221> Inosine ribonucleotide

```

ՀՀԿԿ Կ

ԱՄԱՆԱԿԱՆԱԿԱՆ ԵՇԵՆՈՒՄՈՒՄ

22

```
<210> 5
<211> 11
<212> DNA
<213> Artificial Sequence
```

<221> Description of Artificial Sequence; Primer

<400> S
g c g a c c t g c g a a t g c t a t g g a t c a g g c t a g c c a

· 33 ·

```
<210> 6
<211> 10
<212> DNA
<211> Artificial Sequence
```

<221> Description of Artificial Sequence: Primer

<400> 6
caacgacccggg acgggagggcg

20

<210> 7
<211> 27
<212> DNA
<213> Artificial Sequence

<111> Description of Artificial Sequence: Synthetic probe

<400> 7
taatggcgag taacccctgcc taactcc

27

BEST AVAILABLE COPY

4

<210> 8
<211> 78
<212> DNA
<213> Human immunodeficiency virus

<400> 8
cacgacccgg atgggagggtg ggcttgaac gataatgggtg agtacccttg cccaactcta 60
cccactatcc ggatgtgc 78

<210> 9
<211> 22
<212> DNA
<213> Artificial Sequence

<220>
<221> Description of Artificial Sequence: Primer

<400> 9
gcacatccgg atagtgaata ga 22

<210> 10
<211> 65
<212> RNA
<213> Artificial Sequence

<220>
<221> Description of Artificial Sequence: Primer

<400> 10
aaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa aaaaaaaaaa 60
aaaaa 65

<210> 11
<211> 14
<212> RNA
<213> Artificial Sequence

<220>
<221> Description of Artificial Sequence: Primer

<400> 11
aaaaaaaaa aaaa 14

<210> 12
<211> 26
<212> RNA
<213> Artificial Sequence

<220>
<221> Description of Artificial Sequence: Primer

<400> 12
aaaaaaaaa aaaaaaaccc cccccc 26